

Claims

1) A veterinary syringe, comprising a base body (2), on the front side of which a syringe barrel
5 (5) receiving the medicament is arranged while a guiding element (10) for a plunger rod (7) that
is guided therein so as to be movable in a longitudinal direction is arranged on the rear side
thereof, and one end of said plunger rod (7), to which a plunger (8) is attached, extends into the
syringe barrel (5), said syringe further comprising a handle (4) for holding the syringe (1), an
operating lever (13), one end (14) of which is pivotably attached to the lower part (15) of the
10 handle (4) while the other end (16) thereof is guided within the bottom side (3) of the guiding
element (10) and engages with a toothed rack (11) via a spring-biased catch (12), said toothed
rack (11) being disposed on the bottom side of the plunger rod (7), and a locking device (27) for
the plunger rod (7) which engages with the toothed rack (11) is provided as a locking slider (29)
disposed inside the guiding element (10) so as to be movable in a vertical direction at the end
15 thereof, is provided with an opening (32) through which the plunger rod (7) is guided and
extends into the toothed rack (11) from below, locking said toothed rack (11) so as to prevent it
from withdrawing, wherein said locking slider (29) can be moved from the locked position into a
released position for the toothed rack (11) and can be maintained in said released position by
means of an actuator, characterized by the locking slider (29) being extended so as to protrude
20 out of the bottom of the guiding element (10) toward the operating lever (13), said extension
comprising a bore (33), by a locking pin (34) being provided on the operating lever (13), which is
arranged parallel to the plunger rod (7), and by the locking pin (34) extending into the bore (33),
in the resting position of the operating lever (13), when the locking slider (29) is pressed down
through the guiding element (10) all the way to the locking pin (34) against the force of a spring
25 (31).

2) Veterinary syringe according to claim 1, characterized in that the locking slider (29) is made
of a resilient material.

30 3) Veterinary syringe according to claim 1, characterized in that the locking pin (34) is
maintained in the operating lever (13) in a lengthwise displaceable manner along its axial
direction under the pressure of a spring.

4) Veterinary syringe according to claim 1, characterized in that the locking slider (29) has its
35 upper end attached to a push-button (30), which is supported in the guiding element (10) and
vertically movable against the pressure of a spring.

